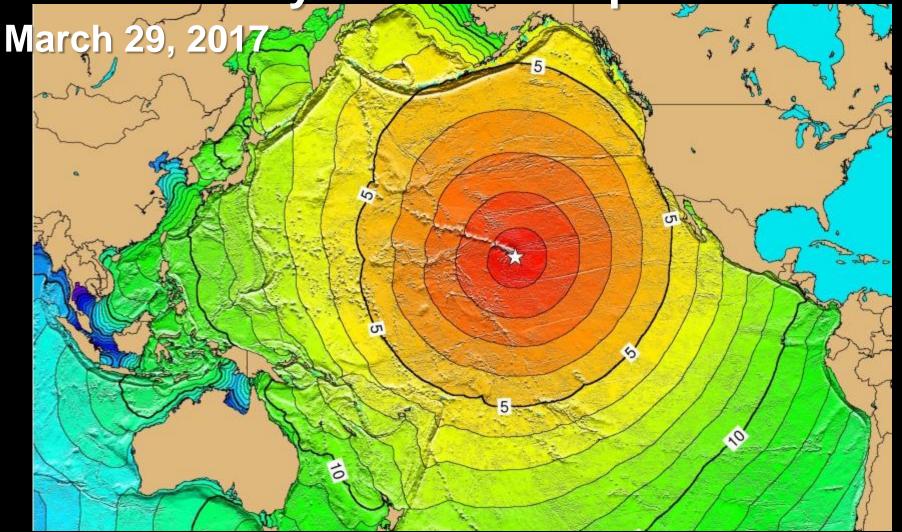
Cal OES Daily Situation Report



USGS tsunami wave time travel map shows that the 1975 Hawaiian 7.2 $\rm M_s$ earthquake generated a tsunami that took just under 5 hours to reach California. Tsunami Preparedness Week continues: 03/27-03/31



Photo Courtesy: USGS

Duty Officer	
EDO	Grace Koch
CSWC Watch Officer	Grady Tunnell (Day) Janice Webb (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	David Stone
LDO	Mark Baldwin
IDO	Kim Nielsen
CDO	Roger Sigtermans
SDO	Sonia Brown
PIO	Brad Alexander
TDO	Jeff Howell
IT	Jerry Kincaid
EQTP	Sharon Blankenheim
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System





Cal	OFS	Activation	on Status
Gai	UES	Activation	m Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

California Tsunami Preparedness Week, 03/27/17 to 03/31/17

During California's Tsunami Preparedness Week, Cal OES along with local, state, and federal partners promote tsunami safety and awareness and urge coastal residents and visitors to prepare themselves and their families for a tsunami.

- NOAA and Cal OES will conduct a tsunami warning communications system test today, 03/29/17.
- NOAA's National Weather Service Offices in Monterey, Oxnard and San Diego will broadcast the "Required Monthly Test" within their respective jurisdictions. The test will also be broadcast on NOAA Weather Radio All Hazards, local television and radio stations.

Oroville Dam Auxiliary Spillway Incident

On 03/27/17 the California Department of Water Resources (DWR) advised that at they have begun gradually ramping down outflow from the Oroville Reservoir.

- Flow from the flood control spillway will be reduced from 40,000 cubic feet per second to zero.
- As flows are reduced, DWR will monitor the status of the dam, spillways, and related structures to ensure their continued safety and stability.
- Flow to the Feather River will be reduced gradually to minimize risk to downstream levees per the Army Corps of Engineers operational requirements.
- This flow reduction in the river will be buffered by the Hyatt Powerplant, Diversion Pool, Thermalito Forebay, and the Thermalito Afterbay to a final flow of 13,000 cubic feet per second.

Per the DWR Flood Operations Center and California Data Exchange Center (CDEC) as of 03/29/17 at 1000 hours:

- Inflow: 17,047 cfs.
- Outflow: 11,775 cfs.
- The current lake elevation is 838.28 feet.

Mission Tasking

- 2017-SOC-33363: Road Repair (Butte County) On Scene.
- 2017-SOC-34379: Caltrans engineer to visually inspect and conduct Impact-Echo Testing on the gated concrete spillway floor On Scene
- 2017-CalOES-34685: Asbestos Monitor (Butte County) Coordinating.
- 2017-SOC-31712: 2 Structural Engineers for evaluation of the Oroville Spillway Bridge (Butte County) On Scene.



Cal OES Activation Status			
State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

Cal OES COASTAL REGION

See 2017 Statewide Winter Storms Slides

Cal OES INLAND REGION

See 2017 Statewide Winter Storms Slides

Cal OES SOUTHERN REGION

Proclamation, Inyo County

A Proclamation from Inyo County has been received requesting proactive prevention, reduction, mitigation, response, and recovery from the threatened effects of 2017 spring runoff that will occur due to the extremely high snow pack. The county is requesting the Director's concurrence, any and all available assistance including economic assistance through the California Disaster Assistance Act (CDAA) and two Department of Water Resources flood fight containers.

See 2017 Statewide Winter Storms Slides



Oroville Dam - Cal OES INLAND (continued)

Declaration

Presidential Emergency Declaration, FEMA-3381-EM

• Federal emergency aid has been made available to the State of California to supplement State, tribal, and local response efforts due to the emergency conditions resulting from the potential failure of the emergency spillway at Lake Oroville Dam beginning on 02/07/17 and continuing.

Proclamations

• Governor Brown issued a Proclamation of a State of Emergency on 02/12/17 due to the Oroville Dam Auxiliary Spillway Failure.

Butte County

- On 02/17/17 the CSWC received a ratified proclamation from Butte County for the Oroville Spillway Incident requesting any State and Federal Assistance.
- On 02/13/17, the CSWC received a proclamation from Butte County due to the Oroville Dam Auxiliary Spillway Failure. There are no requests for state assistance at this time.

Glenn County

- On 03/03/17, the CSWC received a ratified proclamation from Glenn County requesting a Governors Proclamation, State and Federal Assistance due to the Oroville Dam Auxiliary Spillway Failure.
- On 02/17/17 the CSWC received a proclamation from Glenn County proclaiming a state of emergency due to the Oroville Dam Auxiliary Spillway Failure at this time there is no request for state assistance at this time.

Nevada County

• On 03/20/17 the CSWC received a signed resolution terminating the local emergency proclamation due to the 2017 February Oroville Auxiliary Spillway Failure Incident and Mandatory Evacuations.

Sutter County

- On 02/16/17, the CSWC received a proclamation from Sutter County due to the Oroville Dam Auxiliary Spillway Failure requesting Director's Concurrence, CDAA, and federal assistance.
- On 02/23/17, the CSWC received a proclamation from the City of Live Oak, Sutter County due to the Oroville Dam Auxiliary Spillway Failure incident. There are no requests for state assistance.

Yolo County

• On 02/15/17 the CSWC received a resolution from Yolo County for the 2017 February Oroville Auxiliary Dam Incident. The County is requesting a Directors Concurrence, Presidential Declaration, and CDAA.

Yuba County

 On 02/13/17, the CSWC received a proclamation from Yuba County due to the Oroville Dam Auxiliary Spillway Failure requesting Gubernatorial and Director's Concurrence.



2017 February Storms

Cal OES Coastal Region

Pfeiffer Bridge Incident, Monterey County

California Highway Patrol (CHP) and Caltrans had a hard closure on the Pfeiffer Bridge on HWY 1 at mile marker 45.52 (SB Sycamore Canyon and the Bridge) due to a crack in the bridge.

- With the bridge removed, the community of Big Sur is isolated, an estimated 450 people, in 3 different areas/enclaves.
- Nacimiento-Ferugson Road might be open to the public to provide an access point to the east.
- Backup air medical transport plans have been developed and California National Guard assets have been secured for medical emergencies through Cal OES Law Enforcement Branch
- The southern detour route was opened as of 03/13/17 to local traffic only.

2017 February Winter Storm Proclamations

See Cal OES 2017 February Winter Storms Proclamations Slide.

2017 January Winter Storm Proclamations

• See Cal OES 2017 January Winter Storms Proclamations Slide.

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage:

· Solano County: Sacramento River at Rio Vista

Please see link for River Forecast Guidance - http://www.cnrfc.noaa.gov/

2017 February Winter Storms

Cal OES Inland Region

EOC Activations

None at this time.

Deployments

· None at this time.

2017 February Winter Storm Proclamations

• See Cal OES 2017 February Winter Storms Proclamations Slide.

2017 January Winter Storm Proclamations

See Cal OES 2017 January Winter Storms Proclamations Slide.

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage:

- Sutter Counties: Sacramento River at Tisdale Weir
- Sutter & Yolo Counties: Sacramento River at Fremont Weir
- · Yolo County: Yolo Bypass at Lisbon
- · San Joaquin County: San Joaquin River at Vernalis
- Stanislaus County: Tuolumne River at Modesto, San Joaquin River at Patterson, San Joaquin River at Newman
- Merced County: Merced River at Stevinson

Please see link for River Forecast Guidance - http://www.cnrfc.noaa.gov/

Cal OES Southern Region

2017 February Winter Storm Proclamations

See Cal OES 2017 February Winter Storms Proclamations Slide.

2017 January Winter Storm Proclamations

• See Cal OES 2017 January Winter Storms Proclamations Slide.

CAL OES RECOVERY

Presidential Declaration Storms - FEMA-4301-DR-CA & FEMA-4305-DR-CA

Preliminary Damage Assessments are complete for counties named under Presidential Declaration FEMA-4301-DR-CA and FEMA-4305-DR-CA: Humboldt, Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Inyo, Lake, Lassen, Marin, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Luis Obispo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Tuolumne, Yolo, Yuba

The following is a schedule of Applicants' Briefings hosted by Cal OES Recovery

Date and Time	Application Deadline	Location	Description
03/29/17, 0930-1200 hours	04/11/17	Rosemead Community Recreation Center 3936 Muscatel Avenue Rosemead, Los Angeles County	Los Angeles County Applicants' Briefing
04/04/17, 1300-1600 hours	04/11/17	San Diego County Emergency Operations Center 5580 Overland Avenue, Suite 100 San Diego, San Diego County	San Diego County Applicants' Briefing
04/05/17, 1300-1600 hours	04/11/17	Beaumont Civic Center 550 E. 6th Street Beaumont, Riverside County	Riverside County Applicants' Briefing

Cal OES 2017 February Winter Storms Proclamations

Governor Brown Requests Presidential Major Disaster Declaration Due to February Storms, Damage to Oroville Dam Spillway

- On 03/19/17, Governor Edmund G. Brown Jr. requested a Presidential Major Disaster Declaration to aid with repairs to the damaged Oroville Dam spillway and to bolster state and local recovery efforts following February storms that caused major flooding, levee breeches, the evacuation of residents, power outages and extensive damage to roads and bridges across California.
 - The full Gubernatorial Proclamation can be found here
 - The proclamation adding Contra Costa and Solano Counties to the emergency Proclamation can be found here
 - The full request for a Presidential Declaration can be found here

U.S. Small Business Administration Disaster Declaration

On 03/20/17, the U.S. Small Business Administration approved a disaster declaration for the following counties: Colusa, Lake, Lassen, Plumas, Santa Clara, Santa Cruz, Alameda, Butte, Glenn, Mendocino, Merced, Modoc, Monterey, Napa, San Benito, San Joaquin, San Mateo, Shasta, Sierra, Sonoma, Stanislaus, Sutter, Tehama, Yolo, Yuba

Proclamations have been received from the following counties, cities, tribal governments, and special districts as a result of the 2017 February Winter Storms:

Proclamations for Coastal Region:

Counties: Alameda County, Contra Costa County, Del Norte County, Humboldt County, Lake County, Marin County, Mendocino County, Monterey County, Napa County, Santa Clara County, San Mateo County, Santa Cruz County, Solano County, Sonoma County

Towns/Cities: City of San Jose, City of Cloverdale

Proclamations for Inland Region:

Counties: Alpine County, Amador County, Colusa County, El Dorado County, Fresno County, Glenn County, Kings County, Lassen County, Mariposa County, Merced County, Modoc County, Nevada County, Plumas County, Sacramento County, San Joaquin County, Shasta County, Sierra County, Siskiyou County, Stanislaus County, Sutter County, Tehama County, Trinity County, Tuolumne County, Yolo County, Yuba County

Towns/Cities: City of Placerville, Town of Truckee, City of Loyalton, City of Jackson, City of Portola

Proclamations for Southern Region:

Counties: San Diego County, Santa Barbara County

Towns/Cities: City of Duarte, City Chula Vista, Town of Mammoth Lakes, City of San Diego



Cal OES 2017 January Winter Storms Proclamations

Presidential Major Disaster Declaration: FEMA-4305-DR-CA

- On 03/16/17, the Federal Emergency Management Agency (FEMA) announced that federal disaster assistance has been made available to the State of California to supplement State, tribal, and local recovery efforts in the areas affected by severe winter storms, flooding, and mudslides from 01/18/17 to 01/23/17.
- Federal funding is available to State, tribal, and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by severe winter storms, flooding, and mudslides in El Dorado, Kern, Los Angeles, Mendocino, Napa, Orange, Riverside, Sacramento, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Cruz, Trinity, Tuolumne, and Yolo counties.

Presidential Major Disaster Declaration: FEMA-4301-DR-CA

- On 02/14/17, the Federal Emergency Management Agency (FEMA) announced that federal disaster assistance has been made available to the State of California to supplement State, tribal, and local recovery efforts in the areas affected by severe winter storms, flooding, and mudslides from 01/03/17 to 01/12/17.
- Federal funding is available to State, tribal, and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by severe winter storms, flooding, and mudslides in Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Humboldt, Inyo, Lake, Lassen, Marin, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Luis Obispo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Tuolumne, Yolo, and Yuba counties.

Governor Brown Requests Presidential Major Disaster Declaration Due to January Storms

- Governor Edmund G. Brown Jr. today requested a Presidential Major Disaster Declaration to bolster state and local recovery efforts following late January storms that caused major flooding, mudslides, power outages and damage to critical infrastructure across California.
 - · Full request can be found here
- Governor Brown today also issued two emergency proclamations due to storms in late January and February for the counties of Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Lassen, Los Angeles, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Ventura, Yolo, Yuba, Contra Costa, Orange, Riverside, San Francisco and Solano which direct Caltrans to formally request immediate assistance through the Federal Highway Administration's Emergency Relief Program. The proclamations also direct the Office of Emergency Services to provide assistance to specified counties as a result of the late January storms. Damage assessments for the February storms and for the damaged spillway at Oroville Dam are ongoing.
 - The Emergency Proclamations can be found <u>here</u> and <u>here</u>



Cal OES 2017 January Winter Storms Proclamations

Proclamations have been received from the following counties, cities, tribal governments, and special districts as a result of the 2017 January Statewide Winter Storms.

Proclamations for Coastal Region:

- Counties: Alameda County, Contra Costa County, Humboldt County, Lake County, Marin County, Mendocino County, Monterey County, Napa County, San Benito County, San Mateo County, Santa Clara County, Santa Cruz County, Solano County, Sonoma County
- Cities: City of Benicia, City of Gilroy, City of Martinez, City of Oakland, City of Orinda, City of Point Arena
- Tribes: Hoopa Valley Indian Reservation
- Special District: Hidden Valley Lake Community Services District, Lake County

Proclamations for Inland Region:

- Counties: Alpine County, Amador County, Butte County, Calaveras County, El Dorado County, Kern County, Lassen County, Merced County, Nevada County, Placer County, Plumas County, Sacramento County, San Joaquin County, Shasta County, Sierra County, Siskiyou County, Sutter County, Trinity County, Tuolumne County, Yolo County, Yuba County
- Cities: City of Grass Valley, City of Loyalton, City of Nevada City, City of Placerville, City of Portola, City of South Lake Tahoe, Town of Truckee
- Special Districts: Reclamation District 900, Washington Water District

Proclamations for Southern Region:

- Counties: Inyo County, Los Angeles County, Mono County, Orange County, Riverside County, San Diego County, San Luis Obispo County, Santa Barbara County, San Bernardino County
- Cities: City of Duarte, City of Diamond Bar, City of Chula Vista, City of National City, City of Poway, City of Pismo Beach, Town of Mammoth Lakes



FIRE ACTIVITY

Cal OES Fire Preparedness Levels			
National	Northern California	Southern California	
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2	
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2	

• Nothing Significant to Report.

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
Lifeline Route Closure	No Lifeline Route Closures	No Lifeline Route Closures

Lifeline Routes:

· There are no Lifeline Route Closures at this time.

Non-Lifeline Routes:

• Multiple Non-Lifeline Route Closures are in effect for various counties, please check highway conditions via the Caltrans logo below.

Wildfire Closures:

There are no Wildfire Closures at this time.

Emergency Center Activations:

• There are no Emergency Center Activations at this time.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype) http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr





California 911 System

	CA 911 Outages	
Northern California	Central California	Southern California
No 911 Outage	No 911 Outages	No 911 Outages

Service Interruptions:None reported

Remote/Community Isolations: None reported



WEATHER OF CONCERN

Weather of Concern

• Strong westerly winds will develop in Southern California mountains and deserts Thursday with strongest gusts Thursday afternoon and evening. Winds will turn northerly and subside on Friday.

Active Weather Warnings, Watches and Advisories by County:

• http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php - Temporarily unavailable. NWS is in the process of repairing the page

WEATHER SYNOPSIS BY REGION

NORTHERN CALIFORNIA

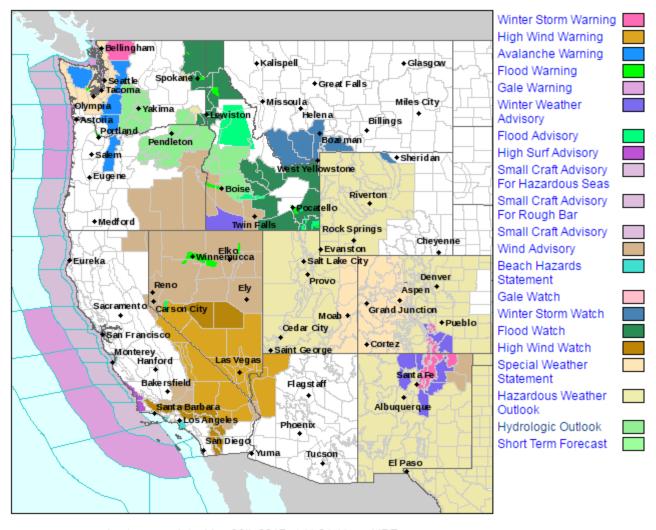
A weather system will push into the northern portion of the region from off the Pacific today and slowly spread relatively light precipitation inland there this afternoon. Light precipitation is expected over more of the northern and into eastern areas as well this evening until a few hours after midnight, then be decreasing during the day Thursday to the point where only the far northern and far eastern areas have any lingering showers. High pressure will be arriving right behind that weather system Thursday night with warm, dry conditions for Friday and Saturday. Although most areas will be sunny Friday and Saturday, there will also be some periods with quite a bit of high cloudiness, especially in the north. Sunday a low pressure trough is expected to arrive over the Pacific NW and Northern California, but there's still a lot of uncertainty about that system's precipitation potential. For now, it does appear that areas near the Oregon Border may see some light showers Sunday. Next Monday and Tuesday look dry and partly cloudy although some areas may become mostly cloudy Tuesday. Areas of relatively strong, gusty N to NE winds are likely to develop Thursday afternoon and last into early Saturday, especially for the Sacramento Valley and surrounding mountain locations. Sustained speeds mostly around 12-22 mph with gusts of 30-40 mph are expected. The lowest snow levels tonight and early Thursday will be around 4000 ft in the NW to around 6000 ft across the Sierra. Outside of Thursday and Saturday, the warmest inland areas will have afternoon high temperatures in the 70s over the next week. Highs there Thursday will mostly be in the 60s and in the lower 80s Saturday.

SOUTHERN CALIFORNIA

A ridge of high pressure over California will bring well above normal temperatures today, with 60s to low 70s across the mountains and upper 70s and 80s in the valleys. Minimum humidity will be mainly between15% and 30%. Local north winds of 15 to 25 mph with gusts to 40 mph will surface from Santa Barbara County eastward to Los Angeles County and near the Colorado River this morning. An area of low pressure will drop into Nevada from the Pacific Northwest Thursday and then move to the Four Corners Area Friday bringing significant cooling to the area. Isolated to scattered showers will form over the Sierra Thursday and the snow level will be between 6,000 and 7,000 feet. West to northwest winds of 20 to 40 mph with gusts to 60 mph will surface across the mountain ridges and desert passes Thursday. These winds will become northwest to north and become focused from Santa Barbara County eastward to Los Angeles County as well as the Owens Valley and near the Colorado River Thursday evening through Friday morning. The winds will weaken and become less widespread starting Friday afternoon, but there will be localized gusty north winds through Saturday morning. A brief ridge will build into California from the Pacific Ocean bringing significant warming Saturday. Another area of low pressure will drop into the Great Basin and Four Corners Area from the Pacific Northwest Sunday through early next week bringing a cooling trend to the region. This low will bring strong west to north winds to the wind prone areas once again. There will also be isolated to scattered rain and snow showers over the Sierra Sunday night through Monday morning.



WEATHER MAP



Last map update: Mar, 29th 2017 at 11:01:11 am MDT

Cal OES LAW ENFORCEMENT MISSIONS

Cal OES Law Missions:

Nothing significant to report.

Cal OES MISSIONS

Cal OES Missions

- 2017-Southern-29577: Cal OES Telecommunications will be providing a Mobile Interoperability Gateway Unit (MIGU) and 2-3 operators to support race communications coordination and management at the 2017 Baker to Vegas run, San Bernardino County. All resources have been released. Mission Closed.
- 2016-IREOC-21748: Tasking Caltrans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing.**
- 2015-IREOC-19846: One RAWS weather station to Amador OA On scene 11/30/15, expected to be left in place until May 2017. Mission Ongoing.

Cal OES 2017 DROUGHT

The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.

Current Local Emergency Proclamations:

A total of **55** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 22 Counties: Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, and Tuolumne.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County) City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 11 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Tuolumne Band of Me-Wuk Indians (Tuolomne County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.